
2.0 Mb/s Remote Peripheral Equipment Diagnostic (LD 53)

The 2.0 Mb/s Remote Peripheral Equipment Diagnostic program (LD 53) is loaded as part of the daily routines, or manually to enter commands. Problems are reported in RPM messages.

RPM messages

RPM0000	Program 53 identifier.
RPM0001	Invalid input character. Action: Check input.
RPM0002	Invalid command. Action: Check input.
RPM0003	Incorrect number of parameters. Action: Check input.
RPM0004	Invalid customer number for CMIN. Action: : Check input.
RPM0005	Invalid parameter value or option. Action: Check input.
RPM0006	Loop specified is not an RPE loop. LRPE will give equipped RPE loops.
RPM0007	Loop already enabled (ENLL) or loop already disabled (DISL/DISI).
RPM0008	Peripheral Signaling (PS) pack associated with given loop is disabled. ENLL command not executed.

Action: Use LD 32 to enable PS pack.

RPM0009 DISI command already active. Command may be canceled via END.

RPM0010 Command already in progress.

RPM0011 ENLS command, shelf already enabled.

RPM0012 loop Active DISI command. This is not an error condition.

RPM0013 ENLL, REML specified enabled loop. Disabled loop in DISI command.

RPM0017 Continuity test not done because channels were busy.

Action: This is not a fault condition; retry test later.

RPM0018 loop DISI command. This is not an error condition.

RPM0019 RPE group is not equipped.

RPM0020 Attempt to disable a loop to which an active maintenance set is connected.
Command was not executed.

RPM0022 STAT command without DISI command active. DISI command is completed. See
DISI command.

RPM0041 loop Command failed because of wrong response or invalid message. Message
passed to alarm handler.

RPM0042 loop Cannot do remote loopback because local loopback already active.

RPM0044 loop Loop is not in loop-back mode. Use LBKL or LBKR to put it in loopback mode.

RPM0046 loop Network does not respond.

Action: Check network for enable/disable status.

RPM0047 loop Command aborted, loop is not disabled.

RPM0048 loop Command aborted, loop is in loop-back mode.

Action: Remove loop from loop-back mode (OLBL or OLBR).

RPM0049 g Group number out-of-range or invalid.

Action: Check data and try again.

RPM0050 g RPE group number not defined as an RPE group.

RPM0051 loop	Continuity test: Data pattern received is not the same as sent during loopback.
RPM0052 loop	Continuity test: Timeout when waiting for sent data pattern to come back during loopback.
RPM0054 loop	Wrong message received when reading status register or incorrect path switch status.
RPM0055 loop	Timeout when reading status register after sending unsparing message.
RPM0056 loop	Group which loop belongs to is not spared.
RPM0057 loop	UNSP command was not successful in its attempt to disable the spare loop in software to prevent new calls from taking place.
RPM0058 loop	Cannot unspare group because loop is not enabled.
RPM0202 loop: s1 s2	Continuity test failed for shelves s1, s2, etc. If all shelves on the loop failed, treat as RPM240. At least one shelf is not in the list, probable fault in: 1. Peripheral Buffer in shelves listed 2. Shelf or shelves listed 3. Cable between PE shelves
RPM0203 loop: n	Connection memory test failed; n channels are disabled. Network card probably faulty. If multiple network cards in the same exhibit show this fault, CE extender card connected to the group is probably faulty.
RPM0204 loop	Loop failed to respond. Action: Check that network is present and enabled by faceplate switch; if so, card may be faulty. If other loops on the same shelf also fail to respond, a fault in the CE extender connected to the group is possible.
RPM0205 loop	Continuity checker is faulty. Network card probably faulty.
RPM0208 loop: ts	Network map in software indicates thatOctober timeslot ts is idle but the connection memory word for that slot on network card is not idle. The slot will be marked busy. Probably a software fault similar to BUG365.
RPM0240 loop: n	Continuity test phase of loop test failed, n speech timeslots are disabled due to this fault. Action: Use loop-around tests to isolate the fault.

RPM0241 n	During the LOCL test, n speech channels failed continuity test. Probable fault at local end. Action: Test CI or Remote Peripheral Carrier (RPC).
RPM0242 n	During the REML test, n speech channels failed continuity test. Probable fault at local end CI/RPC or carrier. Action: Test and repair.
RPM0250 loop	Local RPC processor failed.
RPM0251 loop	Remote RPC processor failed.
RPM0307 loop	Time-out or wrong message when reading control register during closing or opening of loopback.
RPM0308 loop	Loop down (LPDN) status does not verify. Probable fault in local RPC.
RPM0309 loop	Timeout when reading data pattern written to control or status register during loopback.
RPM0310 loop	Wrong data pattern returned when reading control or status register during loopback.
RPM0315 loop	Timeout when reading control register.
RPM0316 loop	Wrong or unexpected message received when reading control register.
RPM0317 loop	Timeout when reading shelf enable register.
RPM0318 loop	Wrong or unexpected message received when reading shelf enable register.
RPM0319 loop	Timeout when reading status register.
RPM0320 loop	Wrong or unexpected message received when reading status register.
RPM0321 loop	RPE2 package restricted.
RPM0322 loop	There are no RPE2 groups configured.
RPM0323 loop	Loop number out-of-range (RCNT).
RPM0324 loop	TRPL interrupted.
RPM0325 loop	Loop is not spared (UNSP).
RPM0326 loop	Spare loop cannot be unspared (USNP).